

9. A reactive probe chip according to claim 1, wherein said carrier is porous particles, said reactive probe is loaded on the inner surfaces of the porous particle pores.

16. A method for fabrication of a reactive probe chip according to claim 12, wherein said carriers are porous carrier particles, and said particles loaded with the reactive probe are arrayed and immobilized using one or

23. A method for fabrication of a reactive substance chip according to claim 19, wherein said carriers are porous carrier particles, and said particles loaded with the

reactive substance are arrayed and immobilized using one or more same or different particles in at least one of a plurality of microcompartments provided on a base material while maintaining the reactivity of the inner surfaces of the carrier particle pores.

24. A method for fabrication of a reactive substance chip according to claim 19, wherein the pore size of the porous carrier particles ranges from 10 nm to 1 μ m, and the particle size ranges from 1 μ m to 100 μ m.

25. A method for fabrication of a reactive substance chip according to claim 19, wherein the tile-like carriers have a square, hexagonal or circular shape and have a size of from 50 μ m to 5 mm on each side or on diameter, and they are attached to and immobilized on the base material.

26. A method for fabrication of porous carrier particles loaded with a reactive substance, which comprises synthesizing oligo-nucleotides or proteins on the porous carrier particles by use of a solid phase method.

27. A composite substrate which comprises, on at least a section of the surface thereof, a plurality of porous regions arrayed on and comparted by non-porous regions, or a plurality of non-porous regions arrayed on and comparted by porous regions.

28. A composite substrate according to claim 27, wherein said composite substrate comprising both porous regions and non-porous regions and having a surface flattened by a process such as polishing.

29. A method for fabrication of a composite substrate according to claim 27 wherein the separately formed porous solid is placed on prescribed regions of a non-porous substrate.

30. A method for fabrication of a composite substrate according to claim 27, wherein a porous solid precursor material is placed on prescribed regions of a non-porous substrate and the pores in said porous solid precursors is produced on the base material.

31. A method for fabrication of a composite substrate according to claim 27, wherein a plurality of the porous

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